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(54) Title: HUMAN EMBRYONIC STEM CELL CULTURES, AND COMPOSITIONS AND METHODS FOR GROWING SAME

(57) Abstract: Human pluripotential embryonic stem cell cultures are provided, as are human feeder cells useful for growing the human embryonic stem cells, conditioned medium obtained from cultures of the human feeder cells, and factors derived from the conditioned medium. Also provided are methods of growing human embryonic stem cells in the presence of the human feeder cells, the conditioned medium, the factors derived from the conditioned medium, or a combination thereof. In addition to the human embryonic stem cell cultures grown according to such methods, isolated human embryonic stem cells obtained from such human embryonic stem cell cultures are provided, as are methods of using such isolated cells.